

Abstract of the Disclosure

Methods and apparatus are disclosed for treating physiological problems, and for providing rapid, efficacious transdermal treatment, for example, of muscle
5 sprains, erectile dysfunction, or baldness, without requiring the use of needles or other
invasive interventions. A topical therapeutic agent and ultrasound energy are applied to
a tissue surface, e.g., the skin, such that the ultrasound enhances transdermal penetration
of the agent. The invention is especially useful in localized delivery of a controlled
dosage of a therapeutic agent to the small blood vessels and capillaries beneath the skin's
10 surface.

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